

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: Emersal 6464 (= Sodium Lauryl Sulfate)
2. MANUFACTURER'S NAME: Emery Industries, Inc.
3. MANUFACTURER'S ADDRESS: 8733 S. Dice Rd., Santa Fe Springs, Calif. 90670
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: The material is water soluble and may be washed away with water. No special precautions required.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Transport and store in aluminum, stainless steel, plastic, or plastic coated containers, this product will cause rusting of iron and mild steel.
6. FIRST AID TREATMENT:
 - A. SKIN CONTACT: Wash off with water
 - B. EYE CONTACT: Flush with water for a minimum of 15 minutes, obtain medical attention.
 - C. INHALATION: _____
 - D. ANTIDOTE IN CASE OF SWALLOWING: No known systemic hazard. Some materials of this general class are used in toothpaste.
7. PHYSIOLOGICAL PROPERTIES:
 - A. ACUTE ORAL TOXICITY: Unknown, some materials of this general class are used in toothpaste.
 - B. LOCAL EFFECTS UPON EYES: Moderate, reversible irritation.
 - C. LOCAL EFFECTS UPON SKIN: Slight, reversible, irritation generally occurs only after prolonged or repeated exposure
 - D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Unknown: No known hazard.
 - E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Direct contact with eyes will result in moderate irritation.
 - F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): None established.
8. CHEMICAL AND PHYSICAL PROPERTIES:
 - A. SPECIFIC GRAVITY (WATER = 1): 1.888 at 20°C
 - B. VAPOR DENSITY (AIR = 1): _____
 - C. VAPOR PRESSURE mm Hg AT 25°C: -
 - D. pH: 10.3
 - E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Will rust iron and mild steel, will lift most enamels and lacquers after long exposure to the full strength material.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG ODORIZERS? Yes, heat.

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
<u>Sodium 2-Ethyl-1-Hexyl Sulfate</u>	<u>30.0%</u>
<u>Water</u>	<u>65.5%</u>
<u>Free 2-Ethyl-1-Hexanol</u>	<u>2.0%</u>
<u>Sodium Sulfate</u>	<u>2.0%</u>
<u>Sodium Chloride</u>	<u>0.5%</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: _____

10. RECOMMENDED PROTECTIVE EQUIPMENT: Safety glasses and safety shields to protect the eyes.

11. A. FLASHPOINT °F; CLOSED CUP None; OPEN CUP None; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: _____

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER None; UPPER None

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO X

D. FIRE POINT °F None; AUTO IGNITION TEMPERATURE °F None

E. VAPOR DENSITY -

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? When heated to decomposition, toxic fumes of oxides of sulfur are emitted.

G. SUITABLE EXTINGUISHING AGENTS: This material suppresses fire.

12. INFORMATION FURNISHED BY: Ralph W. Cooke

TITLE: Chemist

COMPANY: Emery Industries, Inc.

ADDRESS: 8733 S. Dice Rd., Santa Fe Springs, California 90670

DATE: November 30, 1971

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.